

IN THE CLAIMS:

1. (Original) A plasma display panel in which a protective layer covers a dielectric layer covering electrodes in discharge cells and faces a discharge space filled with a discharge gas, wherein

the discharge gas includes at least one selected from the group consisting of Xe

5 and Kr, and

in the protective layer, an electron band including at least electrons having energy level of 4 eV or less below a vacuum level is formed within a forbidden band in energy bands.

2. (Original) The plasma display panel of Claim 1, wherein

the protective layer emits photoelectrons by energy of 4 eV or less obtained through light.

3. (Original) The plasma display panel of Claim 2, wherein

the protective layer is mainly composed of magnesium oxide.

4. (Original) The plasma display panel of Claim 3, wherein

at least one selected from the group consisting of Group III, Group IV and Group VII elements is added to the magnesium oxide.

5. (Original) The plasma display panel of Claim 3, wherein

one element selected from the group consisting of Ge and Sn is added to the magnesium oxide.

6. (Previously Presented) The plasma display panel of Claim 3, wherein

the magnesium oxide includes an oxygen deficit.

7. (Currently Amended) A plasma display panel in which a protective layer covers a dielectric layer covering electrodes in discharge cells and faces a discharge space filled with a discharge gas, wherein

the discharge gas includes at least Kr, and

5 in the protective layer, an electron band at least including electrons having energy level of more than 4 eV but 5 eV or less below a vacuum level is formed within a forbidden band in energy bands.

8. (Original) The plasma display panel of Claim 7, wherein
the protective layer emits photoelectrons by energy of 5 eV or less obtained through light.

9. (Original) The plasma display panel of Claim 8, wherein
the protective layer is mainly composed of magnesium oxide.

10. (Original) The plasma display panel of Claim 9, wherein
at least one selected from the group consisting of Group III, Group IV and Group VII elements is added to the magnesium oxide.

11. (Original) The plasma display panel of Claim 9, wherein
one element selected from the group consisting of Ge and Sn is added to the magnesium oxide.

12. (Previously Presented) The plasma display panel of Claim 10, wherein
the magnesium oxide includes an oxygen deficit.

13. (Previously Presented) The plasma display panel of Claim 4, wherein the magnesium oxide includes an oxygen deficit.
14. (Previously Presented) The plasma display panel of Claim 5, wherein the magnesium oxide includes an oxygen deficit.
15. (Previously Presented) The plasma display panel of Claim 11, wherein the magnesium oxide includes an oxygen deficit.